



# CONSTRUCTION EQUIPMENT

## CONVEYOR GT4280 225285 - HYDRAULIC SYSTEM



**Sample No:** VCP436591  
**Oil Type:** VOLVO SUPER HYDRAULIC OIL 46  
**Job No:**



### SAMPLE INFORMATION

Sample Number	VCP436591	---	---	---
Sample Date	15 Dec 2023	---	---	---
Machine Hours	2565	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
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 T:  
 F: (239)481-3302

### OIL CONDITION

Visc @ 40°C	cSt	▲ 31.01	---	---	---
Acid Number (AN)	mg KOH/g	■ 0.055	---	---	---

### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	■ <1	---	---	---
Sodium	ppm	■ 0	---	---	---
Potassium	ppm	■ <1	---	---	---

### WEAR METALS

Iron	ppm	■ 5	---	---	---
Copper	ppm	■ <1	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 2	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 0	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	■ 5	---	---	---
Magnesium	ppm	■ <1	---	---	---
Zinc	ppm	■ 11	---	---	---
Phosphorus	ppm	■ 38	---	---	---
Barium	ppm	■ 6	---	---	---
Boron	ppm	■ 0	---	---	---

### Diagnosis

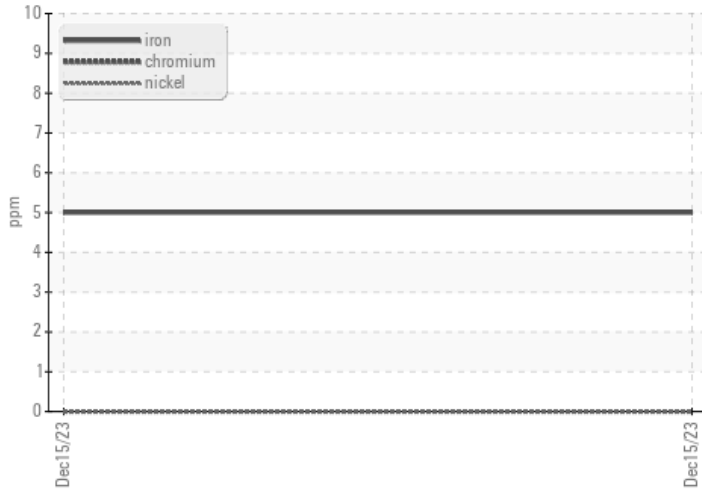
Oil and filter change at the time of sampling has been noted. We advise that you inspect for the source(s) of wear. Resample at the next service interval to monitor. We were unable to perform a particle count due to metal particles present in this sample. Moderate concentration of visible metal present. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within ISO 32 range, advise investigate. Confirm oil type. The AN level is acceptable for this fluid.

**Depot:** VOLVO0090  
**Unique No:** 10795803  
**Signed:** Jonathan Hester  
**Report Date:** 27 Dec 2023

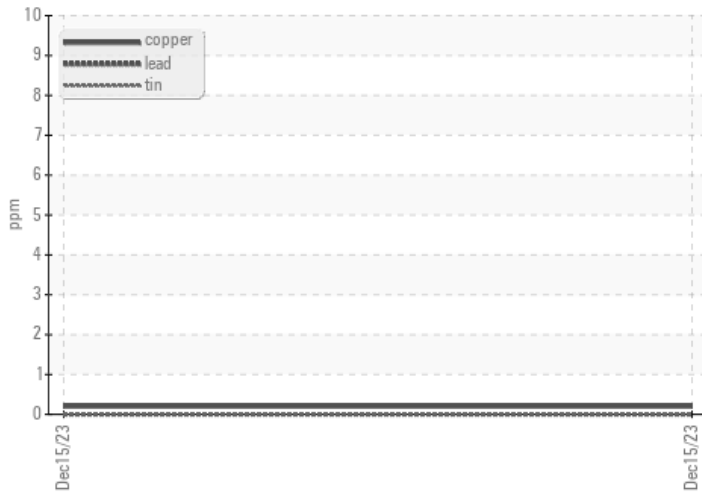


## GRAPHS

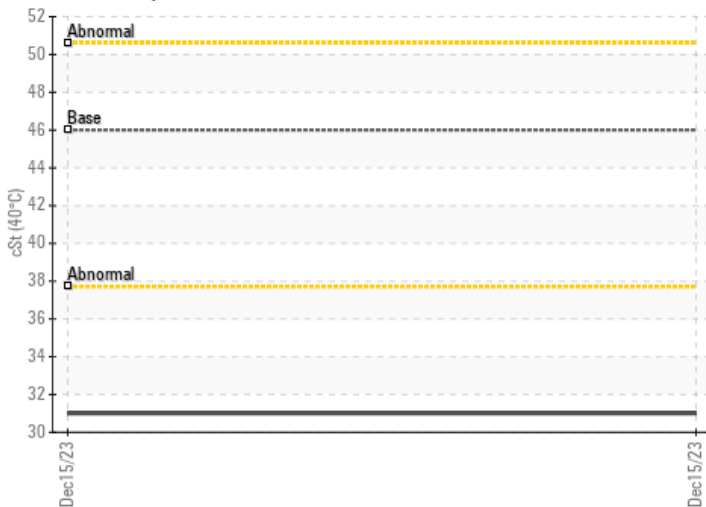
### Ferrous Alloys



### Non-ferrous Metals



### ▲ Viscosity @ 40°C



### Acid Number

